PowerBreaker®

Safety RCD Socket Operating Instructions

The PowerBreaker Safety RCD Socket is particularly suitable for use in the garage and where electricity is needed outside the house.

- **Added protection for you and your family against the risk of electrocution.**
- **Suitable for use with all domestic appliances and power tool equipment.**
- **Also responds to residual current which if left undetected could create a fire hazard.**
- **Passive operation.**

TECHNICAL DATA

Rated voltage:	230V AC∿50Hz
Maximum operating current:	13A (3A inductive)
Rated trip current:	30mA
Trip speed:	40mS (typical)
RCD contact break:	Double pole
Cable capacity:	1 x 6mm² or 2 x 4mm² or 3x2.5mm²
Test/reset buttons	
Tripped indication:	Mechanical flag
Responsive to both positive and negative cycles	
Reacts to pulsating dc earth fault currents	

This socket has been designed for storage and use between -5°C and +40°C and at an altitude of no greater than 2000 metres above sea level. Care must be taken not to subject the unit to misuse, such as abnormal pollution by smoke, chemical or flammable fumes, salt laden spray, prolonged periods of high humidity or other abnormal conditions.

Full instructions inside.

IMPORTANT – FOR YOUR PROTECTION.

Electricity is dangerous and an RCD must not be used as a substitute for normal precautionary measures. Always unplug from mains supply before any inspection or repair to equipment. Do not allow children to tamper with electrical devices.

This device will protect against live and neutral leakage faults to earth, it will not protect against electric shock due to contact with both conductors, short circuits between live and neutral, or a fault in the wiring supplying this device.

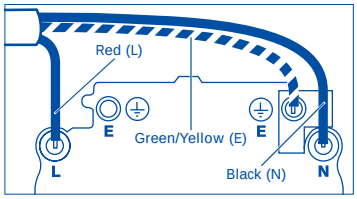
To fit this PowerBreaker Safety RCD Socket –

Switch off the power supply at the mains in order to isolate the existing socket. Remove old socket, then simply connect using the easy to follow wiring diagram.

If earth conductors are bare they must be sleeved with appropriate green/yellow sleeving.

If you are in any doubt about connecting this product consult a qualified electrician.

N.B. Green/yellow earth wire may be connected to either earth terminal. Wiring insulation tests should be completed before setting the PowerBreaker RCD Socket to avoid misleading instrument readings and possible internal damage to the unit.



PLEASE CARRY OUT THIS SIMPLE TEST PROCEDURE PRIOR TO EACH USE.

1. Press ON button.
2. Window indicator will turn red*.
3. Press Test button.
4. Window indicator will turn clear/black. This means the RCD has tripped successfully.
5. To reset – press ON button and use as a normal socket.

* If indicator fails to work, do not use and return to place of purchase.

NOTE 1:

If the window returns to clear/black once the socket has been reset and appliance is firmly plugged in the socket, this may mean that the appliance or the cable lead is faulty, and should be checked by a qualified electrician.

NOTE 2:Remove this RCD from circuit before performing any high voltage insulation tests.

Remove this RCD from circuit before performing any high voltage insulation tests.

RoSPA's safety advice
"Plan ahead to protect your family"

GUARANTEE
Your PowerBreaker Safety RCD Socket is guaranteed for 12 months.
Each unit is individually tested before leaving the factory.